

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference N-5764	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">FOR FURTHER ACTION</div> <div style="font-size: small;">see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</div> </div>
International application No. PCT/US00/07495	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">International filing date (<i>day/month/year</i>) 21 MARCH 2000</div> <div style="width: 55%;">(Earliest) Priority Date (<i>day/month/year</i>) 23 MARCH 1999</div> </div>
Applicant AQUATEX INDUSTRIES, INC.	

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☐ the text is approved as submitted by the applicant.
- ☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. 1

- ☒ as suggested by the applicant.
- ☐ because the applicant failed to suggest a figure.
- ☐ because this figure better characterizes the invention.
- ☐ None of the figures.

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

NEW ABSTRACT

A multi-layered composite (10) comprising a protective layer (13), a retaining layer (12), a conductive layer(16) and a filler layer (14) intermediate the retainer and conductive layers. The filler layer is impregnated with liquid absorbent particles (17) and/or fibers. An optional protective layer having specific characteristics for protection against extreme temperatures, physical impacts and the like is specifically disclosed for use in combination with the retainer (12), filler (14) and conductive (16) layers. The protective layer provides additional protection of the person from catastrophic events such as exposure of a person to fire and/or severe impact such as may be cause by gunfire.

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/US00/07495

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) :B32B 27/14 US CL :442/85, 239, 244, 245, 255, 267, 301; 428/911, 913. According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 442/85, 239, 244, 245, 255, 267, 301; 428/911, 913. Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,433,024 A (EIAN) 21 February 1984, (21.02.94), Fig. 1, Col. 1, lines 53-59, col. 3, line 62 - col. 4, line 5, lines 32-53, line 64 - col. 5, line 3, line 56 - col 6, line 9.	1, 3, 4, 7, 9-15, 17, 18, 30
Y	US 3,670,731 A (HARMON) 20 June 1972, (20.06.72), Figures, Col. 1, lines 46-64, col. 2, lines 3-32, col. 4, line 71 - col. 5, line 13, claim 1.	1, 3, 4, 7, 9-15, 17, 18, 20
Y	US 5,419,955 A (EHRHARDT et al) 30 May 1995, (30.05.95), Col. 3, lines 6-17, col. 4, lines 51-59.	1, 3, 4, 7, 9-15, 17, 18, 30
&,P	US 5,885,912 A (BUMBARGER) 23 March 1999, (23.03.99), the entire document.	1-42
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 09 JUNE 2000		Date of mailing of the international search report 25 JUL 2000
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer Daniel Zirker <i>Daniel Zirker</i> Telephone No. (703) 308-0661